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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/552,641

DATE: 10/20/2005

TIME: 09:47:01

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3 <110> APPLICANT: Roche Molecular Systems
 4 Higuchi, Russell
 5 Peltz, Gary
 6 Li, Jia
 7 Fijal, Bonnie
 8 Ro, Sunhee

10 <120> TITLE OF INVENTION: ASSOCIATIONS OF POLYMORPHISMS IN THE FRZB GENE WITH OBESITY

AND

11 OSTEOPOROSIS

13 <130> FILE REFERENCE: 78-000920US

C--> 15 <140> CURRENT APPLICATION NUMBER: US/10/552,641

C--> 15 <141> CURRENT FILING DATE: 2005-10-07

15 <160> NUMBER OF SEQ ID NOS: 35

17 <170> SOFTWARE: PatentIn version 3.3

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406	aatccataga	atgaggggaaa	atatttgc当地	agtatctggc	aagagcttta	taaccagaat	10560
408	atataagcaa	ctctgacaat	tcaatagcaa	aaacaaaaca	aaaaacaaca	aataatctaa	10620
410	aaatgggcaa	aagatctgag	cagacattt	tcaaaaagaag	acttacaaat	ggccaacagg	10680
412	tatacgaaaa	cattttcaac	atcactaattc	agataaatgc	aatcaaaaac	cacagtgaga	10740
414	tatctcaccc	cagtttgaat	ggcttttattt	aaaaagatgg	aacaatagac	ggttagcgagg	10800
416	atgtggaaaa	aggggaactc	tagtatactg	ttgttggqaa	tgttaatttt	tatagccact	10860
418	aaggaaaaaca	ataggaggat	tttcaaaaaaa	ctaaaaatag	aactaccata	tgatccagca	10920
420	attttattac	tgggtatata	tccaaaagaa	agggaattaa	tacattgtt	aatatctgtt	10980
422	ttccaaatgtt	tactgcagt	ctattcacaat	tagccaaaat	gttagatcaa	ccttaagtgt	11040
424	gattagtgg	tgaatggata	aagagaatgt	agtatataat	cacaatgaca	tattgtttag	11100
426	ctattaaaaaa	aaagtgaaat	cctgttattt	gaaggaaaaat	ggaactggag	gtcattttatgt	11160
428	taaatgaaat	aagccaaagcc	cagaaagacc	aatatcacac	gttctccccc	atatatggga	11220
430	gctaaaaaca	aaaaaaatgt	aatctcatgg	agctggagag	tagattttgt	gttatcagag	11280
432	gtgggaatg	gtagcgttgc	ggaggaaatg	aagagaggat	gattaatgt	gacaaatata	11340
434	cagttagtta	ggaggaagac	ctagtgttt	atagatcgt	atggagacta	tagttaacaa	11400
436	taatctactt	gtacatttca	atatgtacaa	taatttcacat	gttcacagca	taaagaggaa	11460
438	tgtttaatgt	ggtggatatt	accctaactt	gatatttaca	cattatatga	atgtatgaaa	11520
440	atatcaatgt	actctgaaaa	tatgtccatc	tattatgtat	taataaaaaaa	tataagggac	11580
442	acttactctgt	atcaggcaca	atatgtgc当地	atgacatgga	atgaaagagc	aaataggtga	11640
444	ctggcactcc	tttcctttc	acctttttc	aatactggc	attgagttgg	cacatgggt	11700
446	tctagaggct	gtgaagcccc	ttttttttt	tgttaattga	cttcctttaga	gtctatctca	11760
448	aaacaacact	tcagaagtca	tgagggaaaa	caagcataat	tgtattgtact	ctttctatata	11820

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 10/20/2005
PATENT APPLICATION: US/10/552,641 TIME: 09:47:02

Input Set : A:\78-000920US_SeqList.txt
Output Set: N:\CRF4\10202005\J552641.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 7061,7062,7063,7064,7065,7066,7067,7068,7069,7070,7071,7072
Seq#:1; N Pos. 7073,7074,7075,7076,7077,7078,7079,7080,7081,7082,7083,7084
Seq#:1; N Pos. 7085,7086,7087,7088,7089,7090,7091,7092,7093,7094,7095,7096
Seq#:1; N Pos. 7097,7098,7099,7100,7101,7102,7103,7104,7105,7106,7107,7108
Seq#:1; N Pos. 7109,7110,7111,7112,7113,7114,7115,7116,7117,7118,7119,7120
Seq#:1; N Pos. 7121,7122,7123,7124,7125,7126,7127,7128,7129,7130,7131,7132
Seq#:1; N Pos. 7133,7134,7135,7136,7137,7138,7139,7140,7141,7142,7143,7144
Seq#:1; N Pos. 7145,7146,7147,7148,7149,7150,7151,7152,7153,7154,7155,7156
Seq#:1; N Pos. 7157,7158,7159,7160,7344,7438,7509,7510,7511,7512,7513,7514
Seq#:1; N Pos. 7515,7516,7517,7518,7519,7520,7521,7522,7523,7524,7525,7526
Seq#:1; N Pos. 7527,7528,7529,7530,7531,7532,7533,7534,7535,7536,7537,7538
Seq#:1; N Pos. 7539,7540,7541,7542,7543,7544,7545,7546,7547,7548,7549,7550
Seq#:1; N Pos. 7551,7552,7553,7554,7555,7556,7557,7558,7559,7560,7561,7562
Seq#:1; N Pos. 7563,7564,7565,7566,7567,7568,7569,7570,7571,7572,7573,7574
Seq#:1; N Pos. 7575,7576,7577,7578,7579,7580,7581,7582,7583,7584,7585,7586
Seq#:1; N Pos. 7587,7588,7589,7590,7591,7592,7593,7594,7595,7596,7597,7598
Seq#:1; N Pos. 7599,7600,7601,7602,7603,7604,7605,7606,7607,7608,28902
Seq#:1; N Pos. 28954

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/552,641

DATE: 10/20/2005

TIME: 09:47:02

Input Set : A:\78-000920US_SeqList.txt
Output Set: N:\CRF4\10202005\J552641.raw

L:15 M:270 C: Current Application Number differs, Replaced Current Application No

L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:290 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:7020

M:341 Repeated in SeqNo=1